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LT187X-81-UR

5.0MM ROUND LAMP

Features

- * LOW CURRENT REQUIREMENTS
- * HIGH LIGHT OUTPUT
- * RELIABLE AND RUGGED
- * IC COMPATIBLE

Jameco Part Number 152805

Absolute Maximum Ratings at $T_A=25^\circ\text{C}$

REVERSE VOLTAGE (<100 μA).....	4.0V
D.C. FORWARD CURRENT	30 mA
PULSE CURRENT (1/10 DUTY CYCLE,0.1 ms PULSE WIDTH).....	100 mA
OPERATING TEMPERATURE RANGE.....	-25 $^\circ\text{C}$ TO + 85 $^\circ\text{C}$
STORAGE TEMPERATURE RANGE.....	-25 $^\circ\text{C}$ TO +100 $^\circ\text{C}$
LEAD SOLDERING TEMP. (1.6mm FROM BODY).....	260 $^\circ\text{C}$ FOR 5 SEC.

Electrical/optical characteristics at $T_A=25^\circ\text{C}$

PART NUMBER	LED CHIP		LEN'S COLOR	PEAK WAVELENGTH @20 mA (nm)	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @20mA(mcd)		VIEW ANGLE $2\theta_{1/2}$ (deg)
	MATERIAL	EMITTING COLOR			TYP.	MAX.	MIN.	TYP.	
LT1871-81-UR	GaAlAs ON GaAlAs	RED	R.D.	660	1.9	2.5	360	600	36
LT1872-81-UR	GaAlAs ON GaAlAs	RED	W.D.	660	1.9	2.5	360	600	36
LT1873-81-UR	GaAlAs ON GaAlAs	RED	W.C.	660	1.9	2.5	1200	2000	12
LT1874-81-UR	GaAlAs ON GaAlAs	RED	R.C.	660	1.9	2.5	1200	2000	12

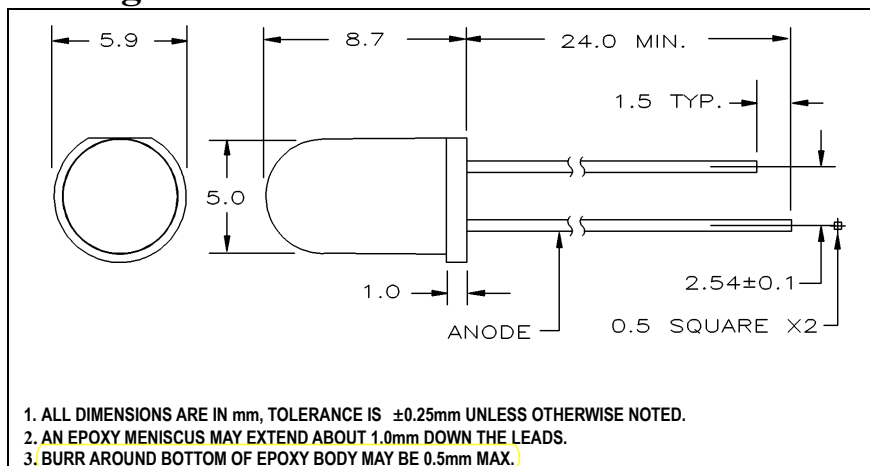
(1) LEN'S COLOR

R.D.....RED DIFFUSED
W.D.....WHITE DIFFUSED
R.C.....RED CLEAR
W.C.....WHITE CLEAR

(2) SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

(3) ALL ABOVE COMPONENTS ARE CONSIDERED .
DEVIATIONS FROM STATED SPECIFICATIONS WILL
REQUIRE A NEW PART NUMBER BE ASSIGNED .

Package Dimensions



Radiation Pattern

